#### **Dementia Care Centre**

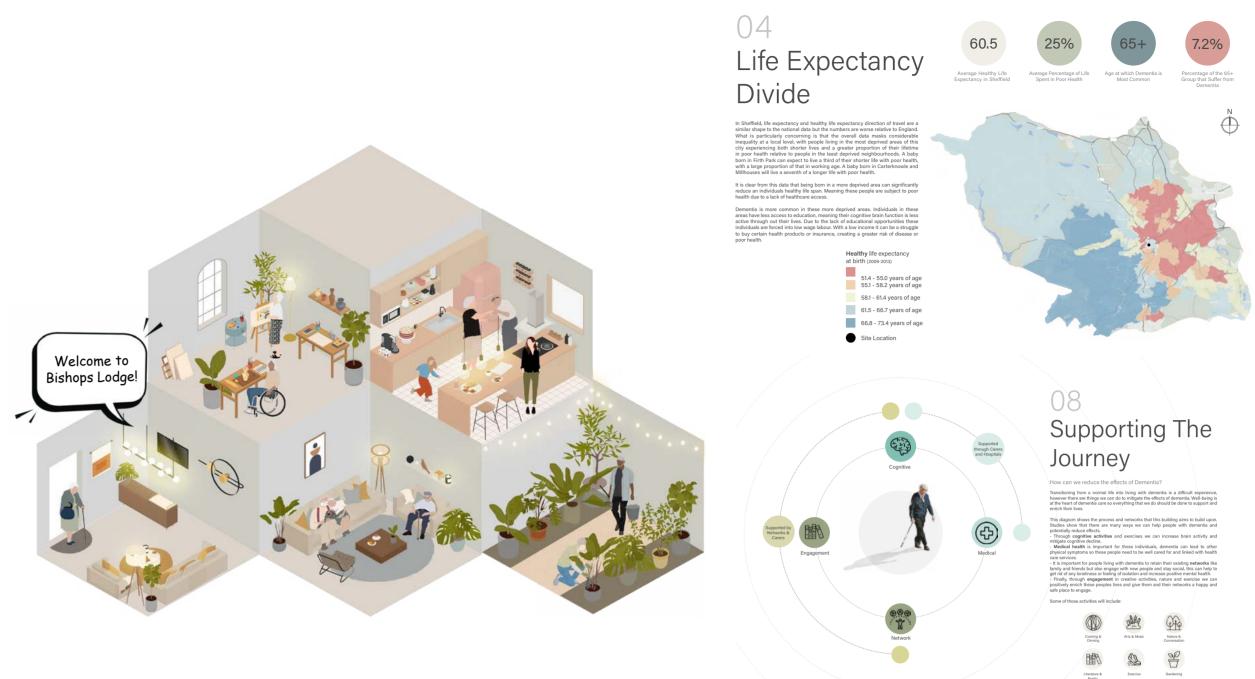


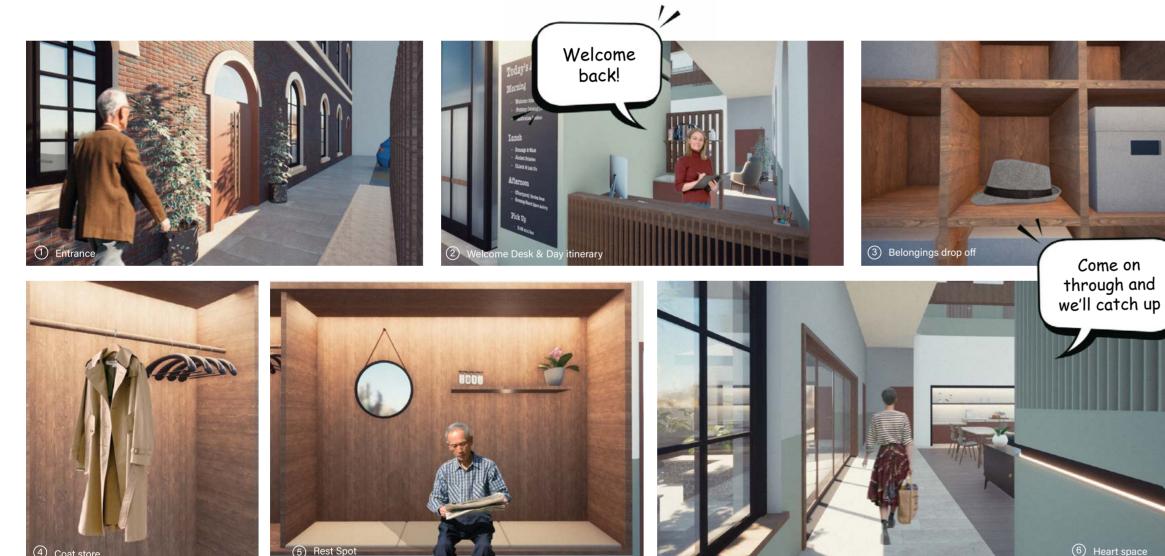
# Brief

The brief is to design a well-being and care centre for people suffering with dementia, focusing on those who are transitioning into memory loss and how that can effect mental health. The architecture and design of the building should enable these people to create routines, remain independent, have access to on-site care and links to the local health services, socialise with family in a safe environment and partake in a range of enrichment activities. The aim is to create structure and heal the mind before the dementia progresses through wellness methods.

This centre will also cater for the support network around the individuals suffering from dementia. As a family member or friend it can be hard to see your loved one start to forget, this is a place where those support networks can be looked after and prepared for the journey ahead.

This wellness programme should be closely linked to local health services that can provide support to individuals, however the design should be the opposite of the clinical environment seen in these services. The centre should be welcoming and peaceful, a space that emits tranquillity and embodies rest. This should be done through the use of spatial design, material choice, connection to nature and lighting.





# 22 A Familiar Welcome

Spaces and Moments

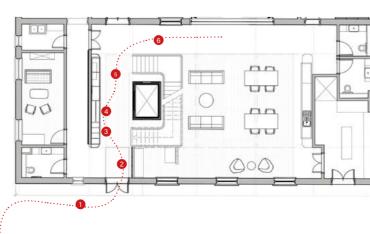
Throughout the building certain spaces are designed with familiarity at the heart. The entrance space aims to imitate a hallway found in an individuals and follow the steps someone might take after coming home. Small moments like taking your coat and hat off and sitting down to untie your shoelaces are captured here. The process is brought to life through a built in piece of furniture that houses the moments.

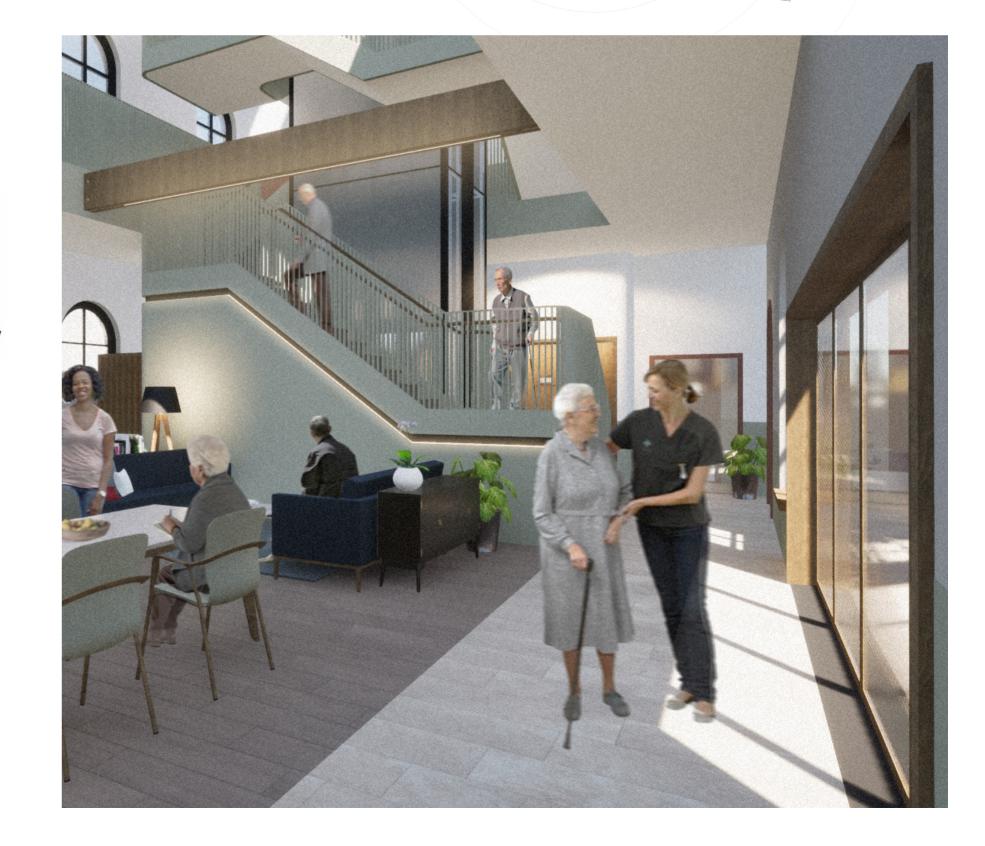
1 Entrance

2) Welcome Desk & Day itinerary (5) Rest ③ Belongings drop off

④ Coat store

(6) Heart space





### 23 Welcome Module

#### **Entrance Process**

The welcome module is designed around familiarity, it aims to imitate the same experience we have when coming home. From opening the door to hanging up your coat, undoing your shoe laces and putting your slippers on. The module captures this experience in one bespoke piece of built in furniture with different stations for each moment.



Opening the door

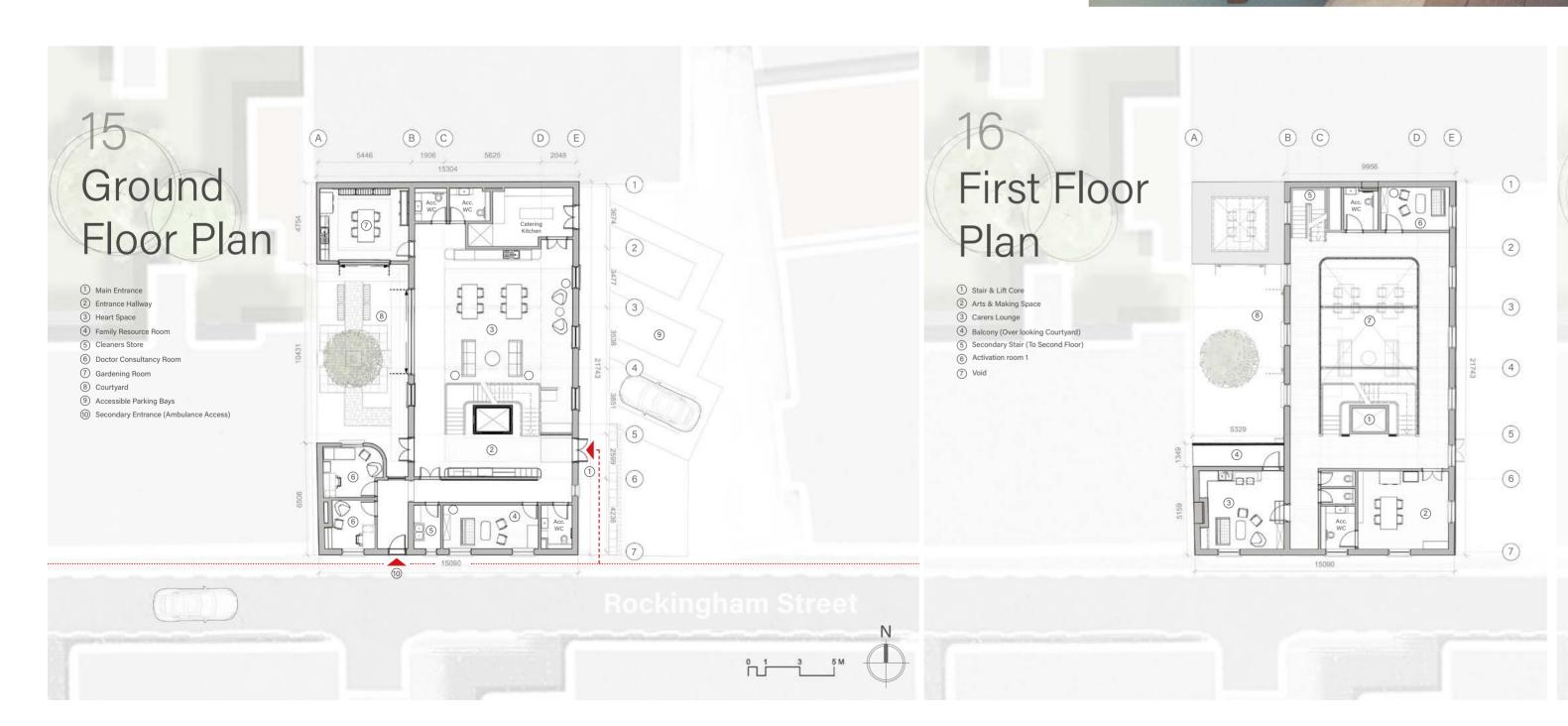


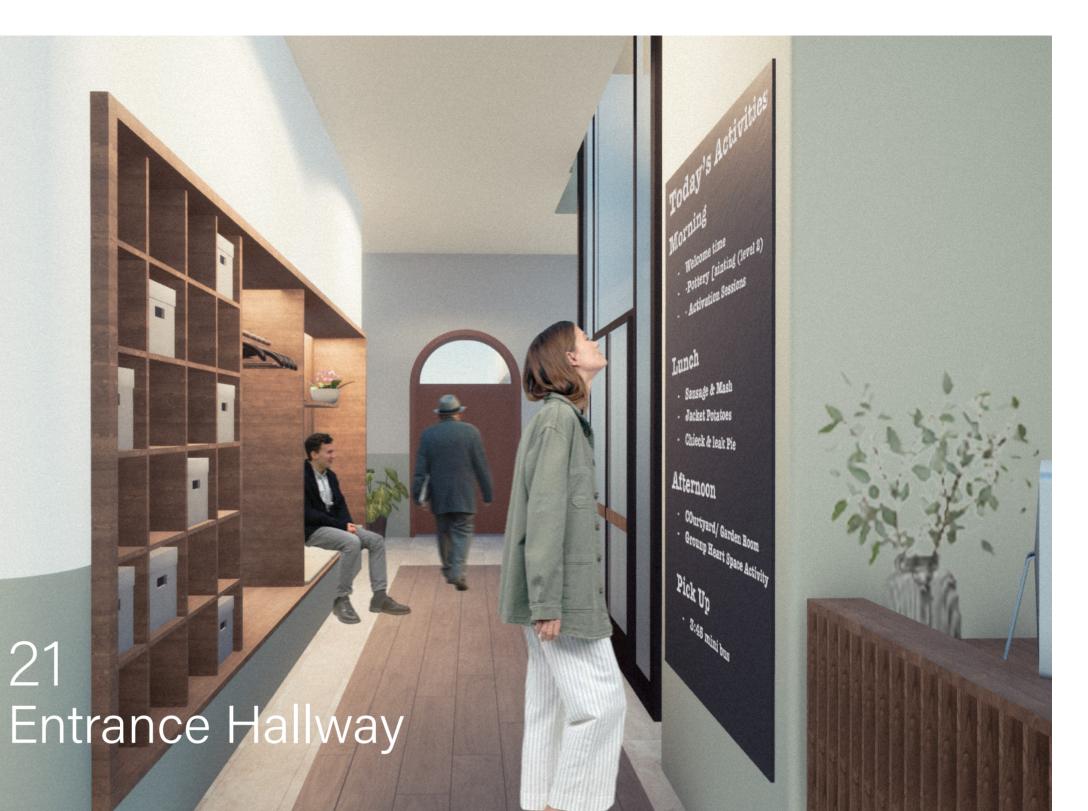


Undoing your shoes

Hanging your coat up

Entrance Belongings drop off Cost store Rest spot



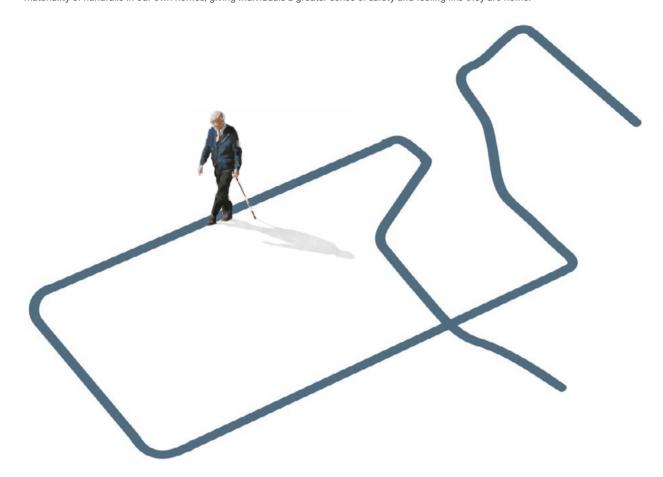




# 25 A Guiding Hand

Way finding Through Touch

Navigating an unfamiliar environment can be tricky for someone with dementia due to a lack spatial perception and short term memory loss. To counter this, the design uses a continues hand rail that leads you through and up the building to different spaces. The design features rounded corners that sweep around the spaces, a path that gently walks you around the building. Our sense of touch can stimulate sensory connections to places and moments in time. The design of this handrail aims to imitate the texture and materiality of handrails in our own homes, giving individuals a greater sense of safety and feeling like they are home.



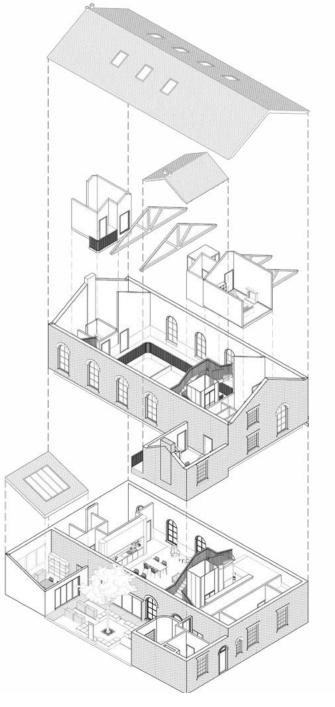




# 19 Section B









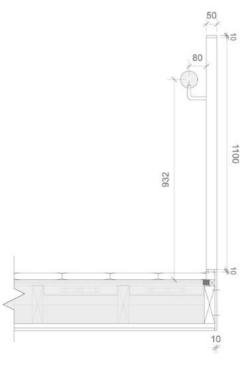


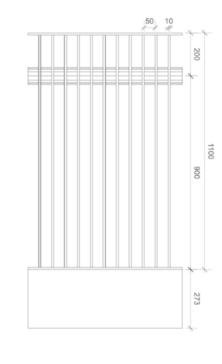
#### 26 Feels Like Home

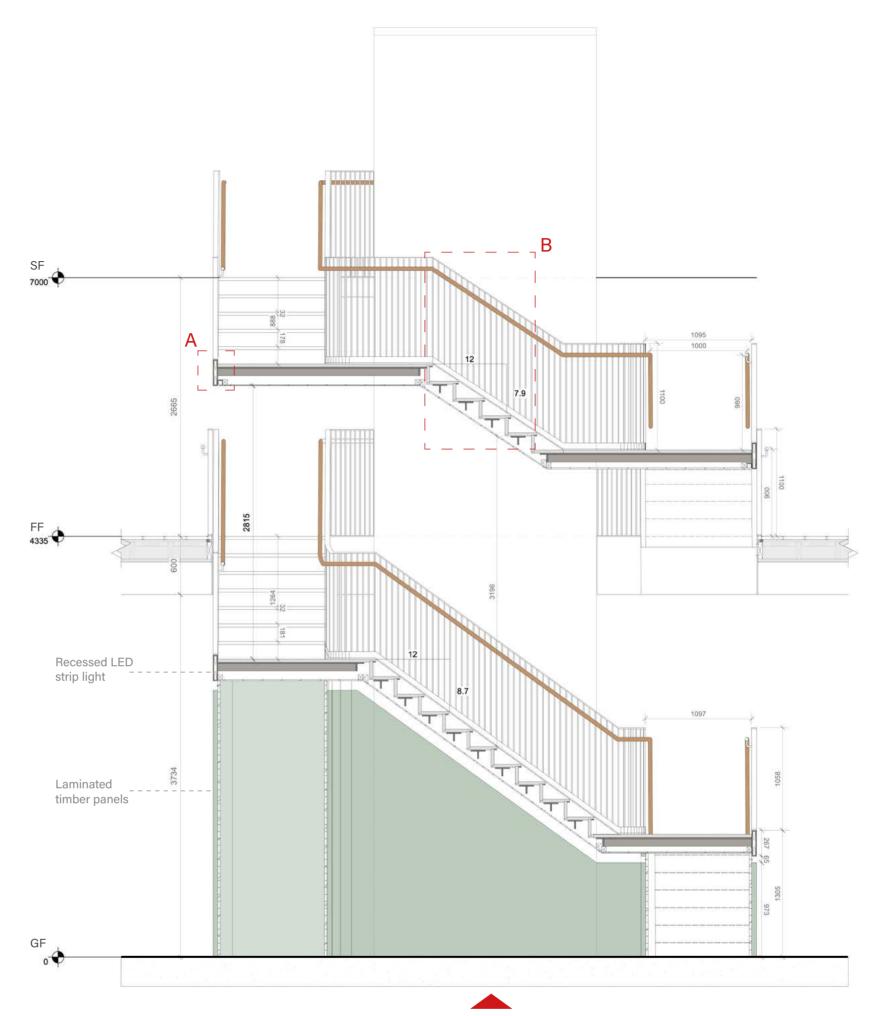
Way Finding Through Touch - Guardrail Detail

The Handrails throughout the space aim to imitate that of the handrails found in our own homes. This strategy will give individuals a sense of home and safety. The guardrail itself is constructed out of metal fins that allow a degree of light to pass through whilst maintaining a visual barrier between spaces and levels.

The guardrail is extended down in void spaces using a sheet of powder coated metal to match, this increases the visual barrier between levels and creates continuity through the design language.







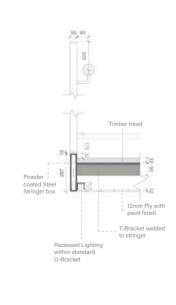
Full Stair Section

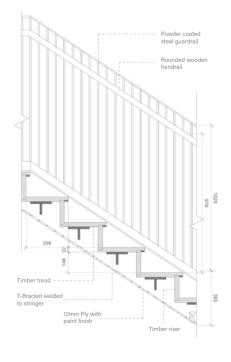


Way Finding Through Touch - Stair Details

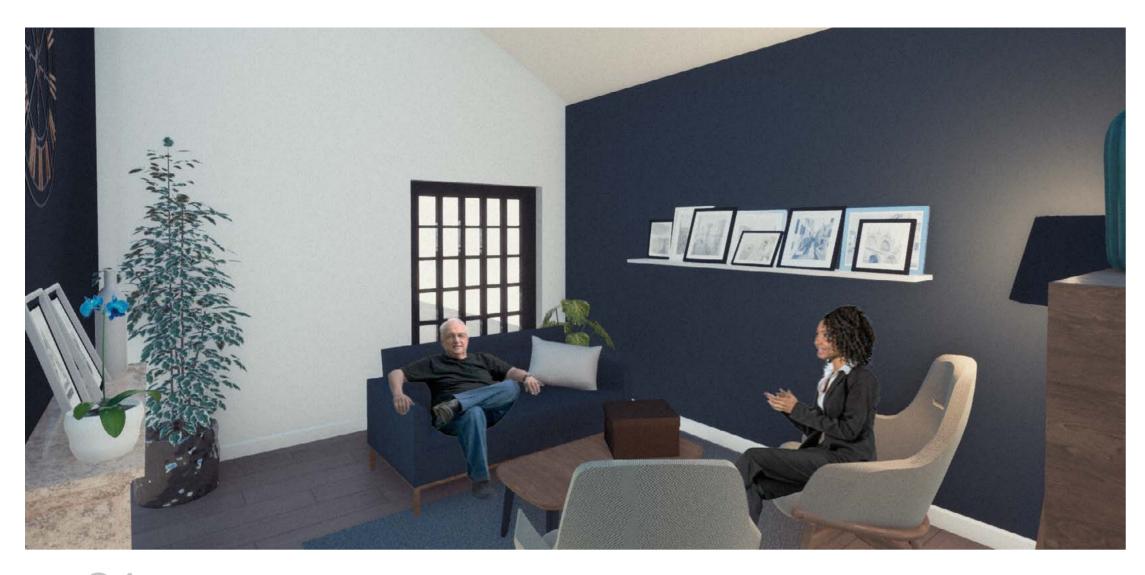
The stair is designed with a detail oriented approach to make it a recognisable feature that serves multiple different spaces. The wooden hand rail is utilised again here to retain consistency from the guardrail, linking the three different levels together through a continuous sense of tough experience.

The ground level section of the stair is encased with a laminated timber shell that provides space for services and serves as storage space for the heart space. This shell contains a recessed lighting detail that helps to separate and ground the stair sections.





Tread & Riser Detail B



#### 31 Activation Rooms

Memories Through Conversation

The Activation rooms act as a conversational space away from distraction. They allow for 1 to 1 processing and conversation to help activate the mind and recall memories. This spatial device aims to mitigate the effects of dementia through memory recall, conversation and sensory stimulation.

The Activation rooms are designed to feel like a living room so patients feel at home and comfortable. These rooms also host the 'memory boxes', a sensory device that uses personal items to evoke memory through the senses.



# 32 Memory Box

Memories Through Conversation

Activation of memory through the senses can be a powerful tool in aiding memory recall, particularly in individuals with dementia. The senses, including sight, smell, touch, taste, and sound, are closely linked to memory formation and retrieval. Stimulating these senses and sound, are closely linked to memory formation and retrieval. Stimulating these senses can evoke vivid memories from the past, even when other cognitive functions may be impaired. For instance, the smell of a familiar food or the sound of a beloved song can trigger reminiscences, fostering connections to past experiences and enhancing overall cognitive function. Incorporating sensory activities, such as aromatherapy, music therapy, or tactile stimulation, into daily routines can provide valuable opportunities for individuals with dementia to engage with their surroundings and access stored memories, thereby improving their quality of life.

The activation rooms host this idea of a memory box, a space where individuals can sit and have a conversation about their memories and reminisce about items inside the memory box. The aim is that through conversation and sensory stimulation the effects of demo can be mitigated or slowed down. Brain activation and stimulation is key to reducing the impact of dementia on peoples lives.

The memory box's could contain personal items brought in by individuals that represent key moments or feelings from their life. That could look like a beloved item of clothing, a photo from a family holiday or maybe their favourite flower. The personal connection to these items will help to evoke conversation and activate the memory.





Smell

